

 <p>U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration</p>	<p>ANNUAL REPORT FOR CALENDAR YEAR 2013 NATURAL OR OTHER GAS TRANSMISSION and GATHERING SYSTEMS</p>		<p>Initial Date Submitted</p> <p>Report Submission Type</p> <p>Date Submitted</p>	<p>03/14/2014</p> <p>INITIAL</p>						
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<p>PART A - OPERATOR INFORMATION</p>		<p>DOT USE ONLY</p>	<p>20142152 - 28488</p>							
<p>1. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER (OPID)</p> <p>18484</p>	<p>2. NAME OF OPERATOR:</p> <p>SOUTHERN CALIFORNIA GAS CO</p> <p>IF SUBSIDIARY, NAME OF PARENT:</p> <p>Sempra Energy</p>									
<p>3. RESERVED</p>	<p>4. HEADQUARTERS ADDRESS:</p> <p>555 WEST FIFTH STREET Street Address</p> <p>LOS ANGELES City</p> <p>State: CA Zip Code: 90013</p>									
<p>5. THIS REPORT PERTAINS TO THE FOLLOWING COMMODITY GROUP: <i>(Select Commodity Group based on the predominant gas carried and complete the report for that Commodity Group. File a separate report for each Commodity Group included in this OPID.)</i></p> <p>Natural Gas</p>										
<p>6. CHARACTERIZE THE PIPELINES AND/OR PIPELINE FACILITIES COVERED BY THIS OPID AND COMMODITY GROUP WITH RESPECT TO COMPLIANCE WITH PHMSA'S INTEGRITY MANAGEMENT PROGRAM REGULATIONS (49 CFR 192 Subpart O).</p>										
<p>7. FOR THE DESIGNATED "COMMODITY GROUP", THE PIPELINES AND/OR PIPELINE FACILITIES INCLUDED WITHIN THIS OPID ARE: <i>(Select one or both)</i></p> <p>INTERstate pipeline – List all of the States and OSC portions in which INTERstate pipelines and/or pipeline facilities included under this OPID exist. etc.</p> <p>INTRAsate pipeline – List all of the States in which INTRAsate pipelines and or pipeline facilities included under this OPID exist. CALIFORNIA etc.</p>										
<p>8. RESERVED</p>										

For the designated Commodity Group, complete PARTs B, C, D, and E one time for all pipelines and/or pipeline facilities – both INTERstate and INTRAsate - included within this OPID.

PART B – TRANSMISSION PIPELINE HCA MILES	
	Number of HCA Miles
Onshore	1083
Offshore	0
Total Miles	1083

PART C - VOLUME TRANSPORTED IN TRANSMISSION PIPELINES (ONLY) IN MILLION SCF PER YEAR (excludes Transmission lines of Gas Distribution systems)		<input checked="" type="checkbox"/> Check this box and do not complete PART C if this report only includes gathering pipelines or transmission lines of gas distribution systems.	
	Onshore	Offshore	
Natural Gas			
Propane Gas			
Synthetic Gas			
Hydrogen Gas			
Landfill Gas			
Other Gas - Name:			

PART D - MILES OF STEEL PIPE BY CORROSION PROTECTION										
	Steel Cathodically protected		Steel Cathodically unprotected		Cast Iron	Wrought Iron	Plastic	Composite ¹	Other	Total Miles
	Bare	Coated	Bare	Coated						
Transmission										
Onshore	1	3507	0	0	0	0	0	0	0	3508
Offshore	0	0	0	0	0	0	0	0	0	0
Subtotal Transmission	1	3507	0	0	0	0	0	0	0	3508
Gathering										
Onshore Type A	0	0	0	0	0	0	0	0	0	0
Onshore Type B	0	0	0	0	0	0	0	0	0	0
Offshore	0	0	0	0	0	0	0	0	0	0
Subtotal Gathering	0	0	0	0	0	0	0	0	0	0
Total Miles	1	3507	0	0	0	0	0	0	0	3508

¹Use of Composite pipe requires a PHMSA Special Permit or waiver from a State

PART E – Reserved. Data for Part E has been merged into Part D for 2010 and 2011 Annual Reports.

For the designated Commodity Group, complete PARTs F and G one time for all INTERstate pipelines and/or pipeline facilities included within this OPID and multiple times as needed for the designated Commodity Group for each State in which INTRAsate pipelines and/or pipeline facilities included within this OPID exist. Each time these sections are completed, designate the State to which the data applies for INTRAsate pipelines and/or pipeline facilities, or that it applies to all INTERstate pipelines included within this Commodity Group and OPID.

PARTs F and G

The data reported in these PARTs for the designated Commodity Group, complete PARTs F and G one time for all INTERstate pipelines and/or pipeline facilities included within this OPID and multiple times as needed for the designated Commodity Group for each State in which INTRAsate pipelines and/or pipeline facilities included within this OPID exist. Part F "WITHIN AN HCA SEGMENT" data and Part G may be completed only if HCA Miles in Part L is greater than zero applies to: *(select only one)*

PART F - INTEGRITY INSPECTIONS CONDUCTED AND ACTIONS TAKEN BASED ON INSPECTION

INTRASTATE pipelines/pipeline facilities CALIFORNIA

1. MILEAGE INSPECTED IN CALENDAR YEAR USING THE FOLLOWING IN-LINE INSPECTION (ILI) TOOLS

a. Corrosion or metal loss tools	660
b. Dent or deformation tools	660
c. Crack or long seam defect detection tools	135
d. Any other internal inspection tools, specify other tools:	0
1. Internal Inspection Tools - Other	
e. Total tool mileage inspected in calendar year using in-line inspection tools. (Lines a + b + c + d)	1455

2. ACTIONS TAKEN IN CALENDAR YEAR BASED ON IN-LINE INSPECTIONS

a. Based on ILI data, total number of anomalies excavated in calendar year because they met the operator's criteria for excavation.	926
b. Total number of anomalies repaired in calendar year that were identified by ILI based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment.	56
c. Total number of conditions repaired WITHIN AN HCA SEGMENT meeting the definition of:	5
1. "Immediate repair conditions" [192.933(d)(1)]	5
2. "One-year conditions" [192.933(d)(2)]	0
3. "Monitored conditions" [192.933(d)(3)]	0
4. Other "Scheduled conditions" [192.933(c)]	0

3. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON PRESSURE TESTING

a. Total mileage inspected by pressure testing in calendar year.	2
b. Total number of pressure test failures (ruptures and leaks) repaired in calendar year, both within an HCA Segment and outside of an HCA Segment.	0
c. Total number of pressure test ruptures (complete failure of pipe wall) repaired in calendar year WITHIN AN HCA SEGMENT.	0
d. Total number of pressure test leaks (less than complete wall failure but including escape of test medium) repaired in calendar year WITHIN AN HCA SEGMENT.	0

4. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON DA (Direct Assessment methods)

a. Total mileage inspected by each DA method in calendar year.	54
1. ECDA	54
2. ICDA	0
3. SCCDA	0
b. Total number of anomalies identified by each DA method and repaired in calendar year based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment.	4
1. ECDA	4

2. ICDA	0
3. SCCDA	0
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition of:	1
1. "Immediate repair conditions" [192.933(d)(1)]	1
2. "One-year conditions" [192.933(d)(2)]	0
3. "Monitored conditions" [192.933(d)(3)]	0
4. Other "Scheduled conditions" [192.933(c)]	0
5. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON OTHER INSPECTION TECHNIQUES	
a. Total mileage inspected by inspection techniques other than those listed above in calendar year.	0
1. Other Inspection Techniques	0
b. Total number of anomalies identified by other inspection techniques and repaired in calendar year based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment.	0
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition of:	0
1. "Immediate repair conditions" [192.933(d)(1)]	0
2. "One-year conditions" [192.933(d)(2)]	0
3. "Monitored conditions" [192.933(d)(3)]	0
4. Other "Scheduled conditions" [192.933(c)]	0
6. TOTAL MILEAGE INSPECTED (ALL METHODS) AND ACTIONS TAKEN IN CALENDAR YEAR	
a. Total mileage inspected in calendar year. (Lines 1.e + 3.a + 4.a.1 + 4.a.2 + 4.a.3 + 5.a)	1511
b. Total number of anomalies repaired in calendar year both within an HCA Segment and outside of an HCA Segment. (Lines 2.b + 3.b + 4.b.1 + 4.b.2 + 4.b.3 + 5.b)	60
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT. (Lines 2.c.1 + 2.c.2 + 2.c.3 + 2.c.4 + 3.c + 3.d + 4.c.1 + 4.c.2 + 4.c.3 + 4.c.4 + 5.c.1 + 5.c.2 + 5.c.3 + 5.c.4)	6
d. Eliminated by Replacement	5
e. Eliminated by Abandonment	0
PART G— MILES OF BASELINE ASSESSMENTS AND REASSESSMENTS COMPLETED IN CALENDAR YEAR (HCA Segment miles ONLY)	
a. Baseline assessment miles completed during the calendar year.	10
b. Reassessment miles completed during the calendar year.	284
c. Total assessment and reassessment miles completed during the calendar year.	294

For the designated Commodity Group, complete PARTs H, I, J, K, L, M, P Q and R covering INTERstate pipelines and/or pipeline facilities for each State in which INTERstate systems exist within this OPID and again covering INTRASTate pipelines and/or pipeline facilities for each State in which INTRASTate systems exist within this OPID.

PARTs H, I, J, K, L, M, P, Q, and R

The data reported in these PARTs applies to: (select only one)

INTRASTATE pipelines/pipeline facilities CALIFORNIA

PART H - MILES OF TRANSMISSION PIPE BY NOMINAL PIPE SIZE (NPS)

Onshore	NPS 4 or less	6	8	10	12	14	16	18	20
	6	55	170	277	164	1	447	51	193
	22	24	26	28	30	32	34	36	38
	64	163	139	0	1078	0	271	403	0
	40	42	44	46	48	52	56	58 and over	
	0	0	0	0	0	0	0	0	
	Additional Sizes and Miles (Size – Miles): 15 - 26; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;								

3508

Total Miles of Onshore Pipe – Transmission

Offshore	NPS 4 or less	6	8	10	12	14	16	18	20
	22	24	26	28	30	32	34	36	38
	40	42	44	46	48	52	56	58 and over	
	Additional Sizes and Miles (Size – Miles): - ; - ; - ; - ; - ; - ; - ; - ;								

Total Miles of Offshore Pipe – Transmission

PART I - MILES OF GATHERING PIPE BY NOMINAL PIPE SIZE (NPS)

Onshore Type A	NPS 4 or less	6	8	10	12	14	16	18	20
	22	24	26	28	30	32	34	36	38

	40	42	44	46	48	52	56	58 and over	
	Additional Sizes and Miles (Size – Miles;):								
	Total Miles of Onshore Type A Pipe – Gathering								
Onshore Type B	NPS 4 or less	6	8	10	12	14	16	18	20
	22	24	26	28	30	32	34	36	38
	40	42	44	46	48	52	56	58 and over	
	Additional Sizes and Miles (Size – Miles;):								
	Total Miles of Onshore Type B Pipe – Gathering								
Offshore	NPS 4 or less	6	8	10	12	14	16	18	20
	22	24	26	28	30	32	34	36	38
	40	42	44	46	48	52	56	58 and over	
	Additional Sizes and Miles (Size – Miles;):								
	Total Miles of Offshore Pipe – Gathering								

PART J – MILES OF PIPE BY DECADE INSTALLED

Decade Pipe Installed	Unknown	Pre-40	1940 - 1949	1950 - 1959	1960 - 1969	1970 - 1979
Transmission						
Onshore	0	134	527	1058	787	242
Offshore						
Subtotal Transmission	0	134	527	1058	787	242
Gathering						
Onshore Type A						
Onshore Type B						
Offshore						
Subtotal Gathering						
Total Miles	0	134	527	1058	787	242
Decade Pipe Installed	1980 - 1989	1990 - 1999	2000 - 2009	2010 - 2019		Total Miles
Transmission						
Onshore	312	308	136	4		3508
Offshore						
Subtotal Transmission	312	308	136	4		3508

Gathering					
Onshore Type A					
Onshore Type B					
Offshore					
Subtotal Gathering					
Total Miles	312	308	136	4	3508

PART K- MILES OF TRANSMISSION PIPE BY SPECIFIED MINIMUM YIELD STRENGTH

ONSHORE	CLASS LOCATION				Total Miles
	Class 1	Class 2	Class 3	Class 4	
Steel pipe Less than 20% SMYS	0	0	2	0	2
Steel pipe Greater than or equal to 20% SMYS but less than 30% SMYS	263	43	207	1	514
Steel pipe Greater than or equal to 30% SMYS but less than or equal to 40% SMYS	294	14	340	8	656
Steel pipe Greater than 40% SMYS but less than or equal to 50% SMYS	382	46	419	1	848
Steel pipe Greater than 50% SMYS but less than or equal to 60% SMYS	557	39	149	0	745
Steel pipe Greater than 60% SMYS but less than or equal to 72% SMYS	725	13	3	0	741
Steel pipe Greater than 72% SMYS but less than or equal to 80% SMYS	0	0	0	0	0
Steel pipe Greater than 80% SMYS	0	0	0	0	0
Steel pipe Unknown percent of SMYS	0	0	2	0	2
All Non-Steel pipe	0	0	0	0	0
Onshore Totals	2221	155	1122	10	3508
OFFSHORE	Class 1				
Less than or equal to 50% SMYS					
Greater than 50% SMYS but less than or equal to 72% SMYS					
Steel pipe Greater than 72% SMYS					
Steel Pipe Unknown percent of SMYS					
All non-steel pipe					
Offshore Total					
Total Miles	2221				3508

PART L - MILES OF PIPE BY CLASS LOCATION

	Class Location				Total Class Location Miles	HCA Miles in the IMP Program
	Class 1	Class 2	Class 3	Class 4		
Transmission						
Onshore	2221	155	1122	10	3508	1083
Offshore		0	0	0	0	
Subtotal Transmission	2221	155	1122	10	3508	

Gathering						
Onshore Type A						
Onshore Type B						
Offshore						
Subtotal Gathering						
Total Miles	2221	155	1122	10	3508	1083

PART M – FAILURES, LEAKS, AND REPAIRS

PART M1 – ALL LEAKS ELIMINATED/REPAIRED IN CALENDAR YEAR; INCIDENTS & FAILURES IN HCA SEGMENTS IN CALENDAR YEAR

Cause	Transmission Leaks, and Failures					Gathering Leaks		
	Leaks				Failures in HCA Segments	Onshore Leaks		Offshore Leaks
	Onshore Leaks		Offshore Leaks			Type A	Type B	
	HCA	Non-HCA	HCA	Non-HCA				
External Corrosion	0	13	0	0	0			
Internal Corrosion	0	0	0	0	0			
Stress Corrosion Cracking	0	0	0	0	0			
Manufacturing	1	0	0	0	0			
Construction	0	1	0	0	0			
Equipment	2	0	0	0	0			
Incorrect Operations	1	0	0	0	0			
Third Party Damage/Mechanical Damage								
Excavation Damage	0	2	0	0	0			
Previous Damage (due to Excavation Activity)	0	0	0	0	0			
Vandalism (includes all Intentional Damage)	0	0	0	0	0			
Weather Related/Other Outside Force								
Natural Force Damage (all)	0	0	0	0	0			
Other Outside Force Damage (excluding Vandalism and all Intentional Damage)	1	0	0	0	0			
Other	0	1	0	0	0			
Total	5	17	0	0	0			

PART M2 – KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR

Transmission	0	Gathering	0
PART M3 – LEAKS ON FEDERAL LAND OR OCS REPAIRED OR SCHEDULED FOR REPAIR			
Transmission		Gathering	
Onshore	0	Onshore Type A	
		Onshore Type B	
OCS	0	OCS	
Subtotal Transmission	0	Subtotal Gathering	
Total	0		

PART P - MILES OF PIPE BY MATERIAL AND CORROSION PROTECTION STATUS

	Steel Cathodically protected		Steel Cathodically unprotected		Cast Iron	Wrought Iron	Plastic	Composite ¹	Other ²	Total Miles
	Bare	Coated	Bare	Coated						
Transmission										
Onshore	1	3507	0	0	0	0	0	0	0	3508
Offshore	0	0	0	0	0	0	0	0	0	0
Subtotal Transmission	1	3507	0	0	0	0	0	0	0	3508
Gathering										
Onshore Type A	0	0	0	0	0	0	0	0	0	0
Onshore Type B	0	0	0	0	0	0	0	0	0	0
Offshore	0	0	0	0	0	0	0	0	0	0
Subtotal Gathering	0	0	0	0	0	0	0	0	0	0
Total Miles	1	3507	0	0	0	0	0	0	0	3508

¹Use of Composite pipe requires PHMSA Special Permit or waiver from a State

²specify Other material(s):

Part Q - Gas Transmission Miles by §192.619 MAOP Determination Method

	(a)(1) Total	(a)(1) Incomplete Records	(a)(2) Total	(a)(2) Incomplete Records	(a)(3) Total	(a)(3) Incomplete Records	(a)(4) Total	(a)(4) Incomplete Records	(c) Total	(c) Incomplete Records	(d) Total	(d) Incomplete Records	Other ¹ Total	Other Incomplete Records
Class 1 (in HCA)	25	0	3	0	4	0	0	0	5	0	0	0	0	0
Class 1 (not in HCA)	936		419		270		0		559		0		0	
Class 2 (in HCA)	16	0	2	0	2	0	0	0	3	0	0	0	0	0
Class 2 (not in HCA)	60		21		13		0		38		0		0	
Class 3 (in HCA)	437	0	121	1	241	0	0	0	214	0	0	0	0	0
Class 3 (not in HCA)	20	0	25	0	26	0	0	0	38	0	0	0	0	0
Class 4 (in HCA)	4	0	1	0	4	0	0	0	1	0	0	0	0	0
Class 4 (not in HCA)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	1498	0	592	1	560	0	0	0	858	0	0	0	0	0
Grand Total									3508					
Sum of Total row for all "Incomplete Records" columns									1					

¹Specify Other method(s):

Class 1 (in HCA)		Class 1 (not in HCA)	
Class 2 (in HCA)		Class 2 (not in HCA)	
Class 3 (in HCA)		Class 3 (not in HCA)	
Class 4 (in HCA)		Class 4 (not in HCA)	

Part R – Gas Transmission Miles by Pressure Test (PT) Range and Internal Inspection

	PT \geq 1.25 MAOP		1.25 MAOP > PT \geq 1.1 MAOP		PT < 1.1 or No PT	
Location	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE
Class 1 in HCA	27	5	0	0	4	1
Class 2 in HCA	18	3	0	0	1	1
Class 3 in HCA	795	142	0	0	34	42
Class 4 in HCA	8	1	0	0	0	1
in HCA subTotal	848	151	0	0	39	45
Class 1 not in HCA	700	522	133	164	349	316
Class 2 not in HCA	51	43	0	2	12	24
Class 3 not in HCA	5	72	0	0	0	32
Class 4 not in HCA	0	0	0	0	0	0
not in HCA subTotal	756	637	133	166	361	372
Total	1604	788	133	166	400	417
PT \geq 1.25 MAOP Total			2392	Total Miles Internal Inspection ABLE		2137
1.25 MAOP > PT \geq 1.1 MAOP Total			299	Total Miles Internal Inspection NOT ABLE		1371
PT < 1.1 or No PT Total			817	Grand Total		3508
Grand Total			3508			

For the designated Commodity Group, complete PART N one time for all of the pipelines and/or pipeline facilities included within this OPID, and then also PART O if any gas transmission pipeline facilities included within this OPID have Part L HCA mile value greater than zero.

PART N - PREPARER SIGNATURE

Robert W. Conaway

(213) 244-5429

Preparer's Name(type or print)

Telephone Number

Project Manager II - Reporting Management

Preparer's Title

RConaway@semprautilities.com

Preparer's E-mail Address

PART O - CERTIFYING SIGNATURE (applicable only to PARTs B, F, G, and M1)

Douglas M. Schneider

(213) 244-5154

Senior Executive Officer's signature certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)

Telephone Number

Douglas M. Schneider

Senior Executive Officer's name certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)

Vice President - Gas Engineering & System Integrity

Senior Executive Officer's title certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)

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Senior Executive Officer's E-mail Address

